

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 2001101004  
PUBLICATION DATE : 13-04-01

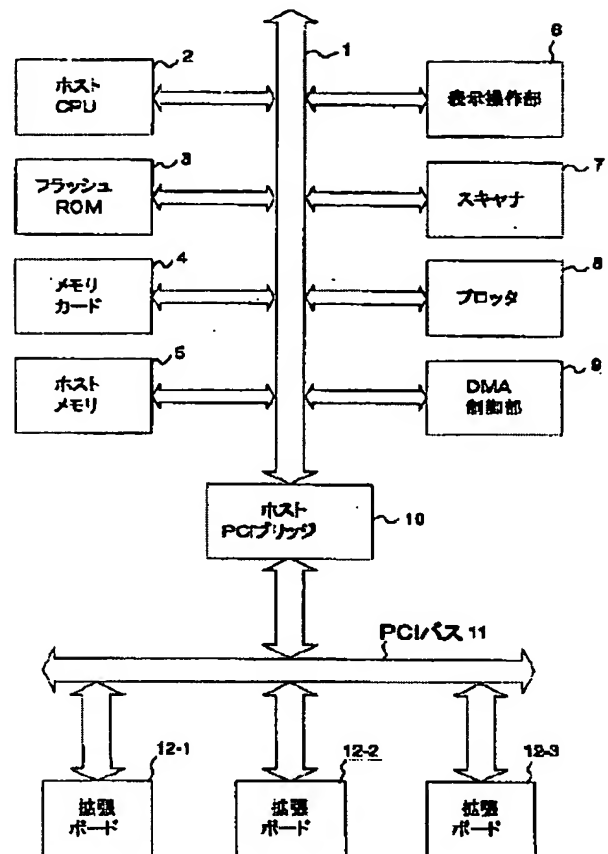
APPLICATION DATE : 30-09-99  
APPLICATION NUMBER : 11279542

APPLICANT : RICOH CO LTD;

INVENTOR : SATO MASAKI;

INT.CL. : G06F 9/445 G06F 13/36

TITLE : ELECTRONIC DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To rewrite a flash ROM not via the CPU of an extended board.

SOLUTION: When a flash ROM down-load mode from a host CPU 2 to a PCI bus bridge 29 of an extended board 12 is set, a bus release request signal from a CPU bus release request signal generating part 34 of the extended board 12 to a CPU 21 is asserted so that the CPU 21 can release a bus 20, and the bus of a flash ROM 22 can drive a PCI bus bridge 29. The host CPU 2 executes a rewriting algorithm to the flash ROM 22 so that writing in all address regions can be attained.

COPYRIGHT: (C)2001,JPO